

KEEPING YOUR D7G'S TRANSMISSION IN TOP SHAPE FOR A DAY'S DIRT-MOVING MEANS SHIFTING YOUR PM INTO **HIGH GEAR**.



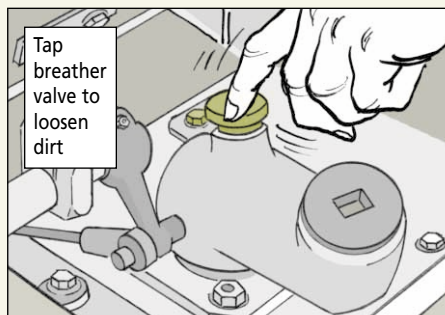
AFTER YOU'VE DONE YOUR PMCS ACCORDING TO TM 5-2410-237-10, HEED THIS ADDITIONAL PM.

Keep Breather Valve Clean

A plugged breather valve is a death sentence for the dozer's transmission. It's often forgotten because it's located under the operator's seat. Two things happen when the transmission's breather valve gets clogged and both are bad.

- ⊗ Pressure builds in the transmission and causes seals to blow. When the seals go, lube goes, too. No lube means friction and gear damage.
- ⊗ Pressure build-up also creates a vacuum in the transmission. That causes the transmission to stall or lock up—you can't move!

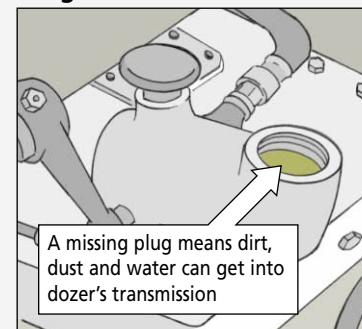
So keep the breather valve clean. It's simple to do. Just tap on the valve with your finger to loosen any dirt stuck inside. If the valve won't go down or it won't come back up if it does go down, have your mechanic replace the valve, NSN 2520-01-164-0077. It's Item 9 in Fig 83 of TM 5-2410-237-24P.



Snug Filler Plug

Vehicle vibration loosens the plug in the transmission's oil filler tube. Once loosened, the plug can fall off. A missing plug means dirt, dust and water can get into the dozer's transmission.

So before the day's run, make sure the plug is snug. Never stuff a rag or anything else in the filler tube if the plug is missing. Instead, have your mechanic replace the plug with NSN 4730-01-249-8409. It's Item 7 in Fig 82 of TM 5-2410-237-24P.



Before Shifting

Every time you shift in or out of reverse without reducing engine speed you put unnecessary strain on your dozer's transmission. That's bound to shorten its life.



1. While your dozer's still on the move, push down the decelerator pedal. That slows engine speed without changing the governor control setting.
2. Stop your dozer dead in its tracks.
3. Shift in or out of reverse.
4. Ease up on the decelerator pedal to speed up the engine until it reaches the governor control setting.

